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10/824,180	04/14/2004	Shmuel Shaffer	062891.1251	6361
5073	7590	10/19/2007	EXAMINER	
BAKER BOTTS L.L.P.			NGUYEN, KHAI N	
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DALLAS, TX 75201-2980				
			ART UNIT	PAPER NUMBER
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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Office Action Summary	Application No. 10/824,180	Applicant(s) SHAFFER ET AL.	
	Examiner Khai N. Nguyen	Art Unit 2614	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 April 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-42 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-42 is/are rejected.
- 7) ☒ Claim(s) 14, 26, 40 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 14 April 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input checked="" type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>April 14, 2004</u> | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Information Disclosure Statement

1. The information disclosure statement (IDS) submitted on April 14, 2004 was filed on the filing date of the instant application on April 14, 2004. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

Claim Objections

2. Claims 14, 26 and 40 are objected to because of the following informalities: The word "**outgoing**" should be changed to "**outgoing**". Appropriate correction is required.

Claim Rejections - 35 USC § 101

3. 35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

Claims 27-40 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter. The claims 27-40 are claimed for the logic encoded in media, and therefore these claims did not fall within at least one of the four enumerated categories of patentable subject matter recited in section 101 (i.e., process, machine, manufacture, or composition of matter).

It is not clear if the logic claimed is necessarily in executable form, i.e. that it is not a non-functional descriptive material. Whether functional or non-functional, claims

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27-40 fail to claim that the logic is implemented into the executable program instructions and recorded on an appropriate computer readable medium so as to be structurally and functionally interrelated to the medium and permit the function of the descriptive material to be realized.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

5. Claims 1-8, 10-20, 22-34, and 36-42 are rejected under 35 U.S.C. 102(e) as being anticipated by Huang et al. (U.S. Patent Number 6,577,726 hereinafter "Huang").

Regarding claims 1, 15 and 27. Huang teaches a system, a method and the logic (**col. 5 lines 35-64, i.e., Algorithms/Procedures/Pseudo Code**) for enhanced extension mobility, the system comprising one or more processing units collectively operable to:

access user input indicating either:

a desire of a user to logon at an endpoint in a private mode according to which the endpoint supports only an extension of the user (**Fig. 1 – 12 Client Without Hoteling “Private Mode”, col. 1 lines 2-3, col. 3 lines 37-38**); or

a desire of the user to logon at the endpoint in a shared mode according to which the endpoint concurrently supports an extension of the user and one or more other extensions of one or more other users (**Fig. 1 – 11, 13 Clients Hoteling Enabled “Shared Mode”, col. 4 lines 19-22, col. 3 lines 59-60**);

if the user input indicates a desire of the user to logon at the endpoint in a private mode according to which the endpoint supports only an extension of the user, configure the endpoint to support only an extension of the user (**Fig. 1 – 12 Client Without Hoteling “Private Mode”, 31 Application Server(s), 51 CTI Middleware Server, col. 2 lines 1-2, col. 3 lines 35-48**); and

if the user input indicates a desire of the user to logon at the endpoint in a shared mode according to which the endpoint concurrently supports an extension of the user and one or more other extensions of one or more other users, configure the endpoint to concurrently support an extension of the user and one or more other extensions of one or more other users (**Fig. 1 – 11, 13 Clients Hoteling Enabled “Shared Mode”, 31 Application Server(s), 51 Middleware Server, col. 4 lines 19-22, col. 3 lines 59-60**).

Regarding claims 2 and 28, Huang teaches the system wherein one or more of the processing units are located at the endpoint and the logic being at least partly

located at the endpoint (**Fig. 1 – 11-13 Client Workstations “processing units and logic”, col. 4 lines 29-30**).

Regarding claims 3 and 29, Huang teaches the system wherein one or more of the processing units are located at a server remote from the endpoint and the logic being at least partly located at a server remote from the endpoint (**Fig. 1 – 31 Application Server(s), 51 Middleware Server, col. 4 lines 32-34**).

Regarding claims 4, 16 and 30. Huang teaches the system, the method and the logic, wherein the one or more processing units are operable to:

prompt the user to select between private mode and shared mode at the endpoint (**Fig. 1, col. 5 lines 37-38, i.e., hoteling flag “false” (private mode)**); and

receive a selection by the user of either private mode or shared mode at the endpoint, the selection providing the user input (**Fig. 1, col. 5 lines 38-41, i.e., hoteling flag “true” (shared mode)**).

Regarding claims 5, 17 and 31. Huang teaches the system, the method and the logic, wherein the one or more processing units are operable to:

prompt the user to enter an extension of the user to logon at the endpoint;

access an extension entered by the user; and

configure the endpoint to support the entered extension (**col. 1 lines 62-67, col.2 lines 1-2, i.e., unique agent ID “extension”**).

Regarding claims 6, 18 and 32. Huang teaches the system, the method and the logic wherein the one or more processing units are operable to:

- prompt the user to enter a password to logon at the endpoint;
- access a password entered by the user;
- determine whether the entered password is valid; and
- if the entered password is valid, configure the endpoint to support the entered extension (**col. 3 lines 59-64**).

Regarding claims 7, 19 and 33. Huang teaches the system, the method and the logic wherein the one or more processing units are further operable, in response to an incoming phone call received at the endpoint, to indicate a called extension of the incoming phone call if the endpoint is concurrently supporting multiple extensions of multiple users (**col. 3 lines 46-48**).

Regarding claims 8, 20 and 34. Huang teaches the system, the method and the logic wherein the one or more processing units are operable to display the called extension of the incoming phone call at a display screen of the endpoint to indicate the called extension (**col. 1 lines 58-61**).

Regarding claims 10, 22 and 36. Huang teaches the system, the method and the logic wherein the one or more processing units are operable to play a ring tone corresponding to the called extension to indicate the called extension (**col. 3 lines 43-46**).

Regarding claims 11, 23 and 37. Huang teaches the system, the method and the logic wherein the one or more processing units are further operable, if the endpoint is concurrently supporting multiple extensions, to:

prompt a user to enter a calling extension of an outgoing phone call from the endpoint (**col. 3 lines 40-43, i.e., selects the Make Call option**); and

generate signaling data for communication with the outgoing phone call that identifies the entered calling extension (**col. 3 lines 44-46, i.e., CTI Sever dials the contact**).

Regarding claims 12, 24 and 38. Huang teaches the system, the method and the logic wherein the one or more processing units are further operable, if the endpoint is concurrently supporting multiple extensions, to generate signaling data for communication with every outgoing phone call from the endpoint according to a predetermined extension (**col. 4 lines 55-65**).

Regarding claims 13, 25 and 39. Huang teaches the system, the method and the logic wherein the one or more processing units are further operable, if the user input

indicates a desire of the user to logon at the endpoint in a private mode according to which the endpoint supports only an extension of the user, to configure the endpoint according to one or more preferences of the user (**col. 4 lines 66-67, and col. 5 lines 1-4, i.e., support for any agent to use a single login "private mode"**).

Regarding claims 14, 26 and 40. Huang teaches the system, the method and the logic wherein the one or more processing units are further operable, in response to an outgoing phone call from the endpoint, to cause one or more of one or more call detail records (CDRs) and one or more billing records to be updated to indicate a calling extension of the outgoing phone call from the endpoint (**col. 3 lines 40-45, i.e., make outgoing call from account contacts, col. 4 lines 13-15, i.e., call center agents track responses, col. 4 lines 45-46, i.e., checking runtime information**).

Regarding claim 41, Huang teaches a system for enhanced extension mobility, the system comprising:

means for accessing user input indicating either:

a desire of a user to logon at an endpoint in a private mode according to which the endpoint supports only an extension of the user (**Fig. 1 – 12 Client Without Hoteling "Private Mode", col. 1 lines 2-3, col. 3 lines 37-38**); or

a desire of the user to logon at the endpoint in a shared mode according to which the endpoint concurrently supports an extension of the user and one or more other

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extensions of one or more other users (**Fig. 1 – 11, 13 Clients Hoteling Enabled**

“Shared Mode”, col. 4 lines 19-22, col. 3 lines 59-60);

means for, if the user input indicates a desire of the user to logon at the endpoint

in a private mode according to which the endpoint supports only an extension of the

user, configuring the endpoint to support only an extension of the user (**Fig. 1 – 12**

Client Without Hoteling “Private Mode”, 31 Application Server(s), 51 CTI

Middleware Server, col. 2 lines 1-2, col. 3 lines 35-48); and

means for, if the user input indicates a desire of the user to logon at the endpoint

in a shared mode according to which the endpoint concurrently supports an extension of

the user and one or more other extensions of one or more other users, configuring the

endpoint to concurrently support an extension of the user and one or more other

extensions of one or more other users (**Fig. 1 – 11, 13 Clients Hoteling Enabled**

“Shared Mode”, 31 Application Server(s), 51 Middleware Server, col. 4 lines 19-22,

col. 3 lines 59-60).

Regarding claim 42, Huang teaches a system for enhanced extension mobility,

the system comprising one or more processing units located at an endpoint and

collectively operable to:

access user input indicating either:

a desire of a user to logon at the endpoint in a private mode according to

which the endpoint supports only an extension of the user (**Fig. 1 – 12 Client**

Without Hoteling “Private Mode”, col. 1 lines 2-3, col. 3 lines 37-38); or

a desire of the user to logon at the endpoint in a shared mode according to which the endpoint concurrently supports an extension of the user and one or more other extensions of one or more other users (**Fig. 1 – 11, 13 Clients**

Hoteling Enabled “Shared Mode”, col. 4 lines 19-22, col. 3 lines 59-60);

if the user input indicates a desire of the user to logon at the endpoint in a private mode according to which the endpoint supports only an extension of the user, configure the endpoint to support only an extension of the user and configure the endpoint according to one or more preferences of the user (**Fig. 1 – 12 Client Without Hoteling “Private Mode”, 31 Application Server(s), 51 CTI Middleware Server, col. 4 lines 66-67, and col. 5 lines 1-4, i.e., support for any agent to use a single login “private mode”**);

if the user input indicates a desire of the user to logon at the endpoint in a shared mode according to which the endpoint concurrently supports an extension of the user and one or more other extensions of one or more other users, configure the endpoint to concurrently support an extension of the user and one or more other extensions of one or more other users (**Fig. 1 – 11, 13 Clients Hoteling Enabled “Shared Mode”, 31 Application Server(s), 51 Middleware Server, col. 4 lines 19-22, col. 3 lines 59-60**).

in response to an incoming phone call received at the endpoint, indicate a called extension of the incoming phone call if the endpoint is concurrently supporting multiple extensions of multiple users (**col. 3 lines 46-48**);

if the endpoint is concurrently supporting multiple extensions:

prompt a user to enter a calling extension of an outgoing phone call from the endpoint (**col. 3 lines 40-43, i.e., selects the Make Call option**); and generate signaling data for communication with the outgoing phone call that identifies the entered calling extension (**col. 3 lines 44-46, i.e., CTI Sever dials the contact**).

Claim Rejections - 35 USC § 103

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. Claims 9, 21 and 35 are rejected under 35 U.S.C. 103(a) as being unpatentable over Huang in view of Marcus et al. (U.S. Patent Number 5,933,488 hereinafter "Marcus").

Regarding claims 9, 21, and 35, Huang discloses everything claimed as applied above (see claim 7, 19 and 33). However, Huang does not disclose expressly to audibly announce a name of a called user of the incoming phone call to indicate the called extension. Although Huang teaches to display the information associated with the call (**Huang – col. 1 lines 58-60**) and the phone is ringing for incoming phone call (**Huang – col. 3 lines 43-45**).

In the same field of endeavor, Marcus discloses the system, method and logic to automate an announcement system for a facility having multiple telephone units **(Marcus - Fig. 1 – 30 ANNOUNCEMENT SYSTEM, 32 SPEAKER, col. 3 lines 1-4)** and the audible announcement identifies the called party of the incoming phone call to indicate the called extension **(Marcus – Fig. 1, col. 3 lines 10-14, col. 4 lines 33-40)**. The advantage of Marcus is additional level of security can be provided the check access and announcement access parameters **(Marcus – Figs. 2-3, col. 2, lines 59-63, and col. 3 lines 15-18)**.

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to provide Huang with the automated announcement system to enhance the extension mobility in hoteling applications.

Conclusion

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Idoni et al. (U.S. Publication Number 2004/0264665 A1) teach a system and a method for a desk sharing with automated devices relocation application "hoteling".

Becker et al. (U.S. Patent Number 7,127,044) teach a system for providing extension mobility to emergency personnel.

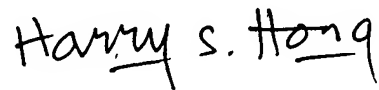
Penttinen et al. (W.O. 98/36602) teach a system and a method for extending the mobility of a wireless station.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Khai N. Nguyen whose telephone number is (571) 270-3141. The examiner can normally be reached on Monday - Thursday 6:30AM - 5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad F. Matar can be reached on (571) 272-7488. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Khai N. Nguyen
10/10/2007



HARRY S. HONG
PRIMARY EXAMINER